

Access quality controlled 6-hourly interpolated drifting buoy data

To access additional download options for quality controlled 6-hourly interpolated drifting buoy data, please visit the NOAA GDP ERDDAP webpage at

https://erddap.aoml.noaa.gov/gdp/erddap/tabledap/drifter_6hour_gc.html

Here, you will find a list of possible variables. Examples include: deployment date, deployment latitude, deployment longitude, end date, end latitude, end longitude, drogue loss, death type, specific regions, sst data, etc.

1. To begin, determine if you wish to obtain interpolated drifter data for a specific drifter ID(s), complete data from a desired deployment location, data for all drifters that enter an area of interest, data from an isolated time period, or some combination of available variables.

2. Clear the preset Optional Constraint time (UTC) values.

ERDDAP > tabledap > Data Access Form

Dataset Title: Global Drifter Program - 6 Hour Interpolated QC Drifter Data

Institution: NOAA Atlantic Oceanographic and Meteorological Laboratory (Dataset ID: drifter_6hour_gc)

Information: Summary | License | FQDC | ISO 19115 | Metadata | Background | Subject | Files | Make a graph

Variable	Check All	Uncheck All	Optional Constraint #1	Optional Constraint #2	Minimum or a List of Values	Maximum
<input checked="" type="checkbox"/> ID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
<input checked="" type="checkbox"/> WMO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
<input checked="" type="checkbox"/> expno (Experiment number, count)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="2023-02-27T00:00:00Z"/>	<input type="text" value="2023-03-06T00:00:00Z"/>	<input type="text" value="1979-02-15T00:00:00Z"/>	<input type="text" value="2023-03-06T00:00:00Z"/>
<input checked="" type="checkbox"/> time (UTC)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
<input checked="" type="checkbox"/> latitude (degrees_north)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-78.305"/>	<input type="text" value="89.984"/>
<input checked="" type="checkbox"/> longitude (degrees_east)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-179.999"/>	<input type="text" value="180.0"/>
<input checked="" type="checkbox"/> lon360 (Longitude, degrees_east)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="0.0"/>	<input type="text" value="359.999"/>
<input checked="" type="checkbox"/> lat (degree_C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-13.25"/>	<input type="text" value="35.95"/>
<input checked="" type="checkbox"/> err_ast (degree_C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="0.030171841176832415"/>	<input type="text" value="31.622776601683793"/>
<input checked="" type="checkbox"/> ve (m/s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-4.58968"/>	<input type="text" value="201.51676"/>
<input checked="" type="checkbox"/> vn (m/s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-2.7167000000000003"/>	<input type="text" value="208.88715"/>
<input checked="" type="checkbox"/> err_lat (degrees_north)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="4.40204497932495E-5"/>	<input type="text" value="9530.215107750717"/>
<input checked="" type="checkbox"/> err_lon (degrees_east)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="4.6352993430845435E-4"/>	<input type="text" value="31.622776601683793"/>
<input checked="" type="checkbox"/> typebuoy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
<input checked="" type="checkbox"/> deploy_date (Deployment date and time, UTC)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="1979-02-14T00:00:00Z"/>	<input type="text" value="2022-10-31T00:00:00Z"/>
<input checked="" type="checkbox"/> deploy_lat (degrees_north)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-77.81"/>	<input type="text" value="89.9"/>
<input checked="" type="checkbox"/> deploy_lon (degrees_east)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-180.0"/>	<input type="text" value="180.0"/>
<input checked="" type="checkbox"/> start_date (UTC)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="1979-02-14T00:00:00Z"/>	<input type="text" value="2022-10-31T00:00:00Z"/>
<input checked="" type="checkbox"/> start_lat (degrees_north)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-77.81"/>	<input type="text" value="89.9"/>
<input checked="" type="checkbox"/> start_lon (degrees_east)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-179.99"/>	<input type="text" value="180.0"/>
<input checked="" type="checkbox"/> end_date (UTC)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="1979-03-09T00:00:00Z"/>	<input type="text" value="2023-03-02T00:00:00Z"/>

ERDDAP > tabledap > Data Access Form

Dataset Title: Global Drifter Program - 6 Hour Interpolated QC Drifter Data

Institution: NOAA Atlantic Oceanographic and Meteorological Laboratory (Dataset ID: drifter_6hour_gc)

Information: Summary | License | FQDC | ISO 19115 | Metadata | Background | Subject | Files | Make a graph

Variable	Check All	Uncheck All	Optional Constraint #1	Optional Constraint #2	Minimum or a List of Values	Maximum
<input checked="" type="checkbox"/> ID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
<input checked="" type="checkbox"/> WMO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
<input checked="" type="checkbox"/> expno (Experiment number, count)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="1979-02-15T00:00:00Z"/>	<input type="text" value="2023-03-06T00:00:00Z"/>
<input checked="" type="checkbox"/> time (UTC)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
<input checked="" type="checkbox"/> latitude (degrees_north)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-78.305"/>	<input type="text" value="89.984"/>
<input checked="" type="checkbox"/> longitude (degrees_east)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-179.999"/>	<input type="text" value="180.0"/>
<input checked="" type="checkbox"/> lon360 (Longitude, degrees_east)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="0.0"/>	<input type="text" value="359.999"/>
<input checked="" type="checkbox"/> lat (degree_C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-13.25"/>	<input type="text" value="35.95"/>
<input checked="" type="checkbox"/> err_ast (degree_C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="0.030171841176832415"/>	<input type="text" value="31.622776601683793"/>
<input checked="" type="checkbox"/> ve (m/s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-4.58968"/>	<input type="text" value="201.51676"/>
<input checked="" type="checkbox"/> vn (m/s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-2.7167000000000003"/>	<input type="text" value="208.88715"/>
<input checked="" type="checkbox"/> err_lat (degrees_north)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="4.40204497932495E-5"/>	<input type="text" value="9530.215107750717"/>
<input checked="" type="checkbox"/> err_lon (degrees_east)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="4.6352993430845435E-4"/>	<input type="text" value="31.622776601683793"/>
<input checked="" type="checkbox"/> typebuoy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
<input checked="" type="checkbox"/> deploy_date (Deployment date and time, UTC)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="1979-02-14T00:00:00Z"/>	<input type="text" value="2022-10-31T00:00:00Z"/>
<input checked="" type="checkbox"/> deploy_lat (degrees_north)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-77.81"/>	<input type="text" value="89.9"/>
<input checked="" type="checkbox"/> deploy_lon (degrees_east)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-180.0"/>	<input type="text" value="180.0"/>
<input checked="" type="checkbox"/> start_date (UTC)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="1979-02-14T00:00:00Z"/>	<input type="text" value="2022-10-31T00:00:00Z"/>
<input checked="" type="checkbox"/> start_lat (degrees_north)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-77.81"/>	<input type="text" value="89.9"/>
<input checked="" type="checkbox"/> start_lon (degrees_east)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-179.99"/>	<input type="text" value="180.0"/>
<input checked="" type="checkbox"/> end_date (UTC)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="1979-03-09T00:00:00Z"/>	<input type="text" value="2023-03-02T00:00:00Z"/>

3a. If you wish to obtain interpolated drifter data by ID number, either enter the AOML Drifter ID, or the WMO number, in the respective Operational Constraint field.

Each entry should contain double quotes (“...”) and the operator for this constraint should be set to “=”. The operator selection is found to the left of the Optional Constraint field. If you are interested in data from multiple drifters, ensure the identification numbers are separated by the pipe, or bar, symbol (|) and within double quotes (“...”).

For example, a single drifter should appear as: =~”63941310” or =~”4101564”, depending if you reference the AOML ID, or the WMO number. For multiple drifters, the entry should appear as: =~”63941310|63940950” or =~”4101564|4101562”.

**Please Note: There are no spaces between the identification numbers and the pipe or bar symbol (|). **

ERDDAP > tabledap > Data Access Form

Dataset Title: **Global Drifter Program - 6 Hour Interpolated QC Drifter Data**

Institution: NOAA Atlantic Oceanographic and Meteorological Laboratory (Dataset ID: drifter_6hour_gc)

Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Files](#) | [Make a graph](#)

Variable	Optional Constraint #1	Optional Constraint #2	Minimum or a List of Values	Maximum
<input checked="" type="checkbox"/> ID	<input type="text" value="63941310 63940950"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> WMO	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> expno (Experiment number, count)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> time (UTC)	<input type="text"/>	<input type="text"/>	1979-02-15T00:00:00Z	2023-03-06T00:00:00Z
<input checked="" type="checkbox"/> latitude (degrees_north)	<input type="text"/>	<input type="text"/>	-78.305	89.984
<input checked="" type="checkbox"/> longitude (degrees_east)	<input type="text"/>	<input type="text"/>	-179.999	180.0
<input checked="" type="checkbox"/> lon360 (Longitude, degrees_east)	<input type="text"/>	<input type="text"/>	0.0	359.999
<input checked="" type="checkbox"/> sst (degree_C)	<input type="text"/>	<input type="text"/>	-13.25	35.95
<input checked="" type="checkbox"/> err_sst (degree_C)	<input type="text"/>	<input type="text"/>	0.030171841176832415	31.622776601683793
<input checked="" type="checkbox"/> ve (m/s)	<input type="text"/>	<input type="text"/>	-4.58968	201.51676
<input checked="" type="checkbox"/> vn (m/s)	<input type="text"/>	<input type="text"/>	-2.7167000000000003	208.88715
<input checked="" type="checkbox"/> err_lat (degrees_north)	<input type="text"/>	<input type="text"/>	4.40204497932495E-5	9530.215107750717
<input checked="" type="checkbox"/> err_lon (degrees_east)	<input type="text"/>	<input type="text"/>	4.6352993430845435E-4	31.622776601683793
<input checked="" type="checkbox"/> typebuoy	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> deploy_date (Deployment date and time, UTC)	<input type="text"/>	<input type="text"/>	1979-02-14T00:00:00Z	2022-10-31T00:00:00Z
<input checked="" type="checkbox"/> deploy_lat (degrees_north)	<input type="text"/>	<input type="text"/>	-77.81	89.9
<input checked="" type="checkbox"/> deploy_lon (degrees_east)	<input type="text"/>	<input type="text"/>	-180.0	180.0
<input checked="" type="checkbox"/> start_date (UTC)	<input type="text"/>	<input type="text"/>	1979-02-14T00:00:00Z	2022-10-31T00:00:00Z
<input checked="" type="checkbox"/> start_lat (degrees_north)	<input type="text"/>	<input type="text"/>	-77.81	89.9
<input checked="" type="checkbox"/> start_lon (degrees_east)	<input type="text"/>	<input type="text"/>	-179.99	180.0
<input checked="" type="checkbox"/> end_date (UTC)	<input type="text"/>	<input type="text"/>	1979-03-09T00:00:00Z	2023-03-02T00:00:00Z

OR

ERDDAP > tabledap > Data Access Form

Dataset Title: **Global Drifter Program - 6 Hour Interpolated QC Drifter Data**

Institution: NOAA Atlantic Oceanographic and Meteorological Laboratory (Dataset ID: drifter_6hour_gc)

Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Files](#) | [Make a graph](#)

Variable	Optional Constraint #1	Optional Constraint #2	Minimum or a List of Values	Maximum
<input checked="" type="checkbox"/> ID	<input type="text" value="4101564 4101562"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> WMO	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> expno (Experiment number, count)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> time (UTC)	<input type="text"/>	<input type="text"/>	1979-02-15T00:00:00Z	2023-03-06T00:00:00Z
<input checked="" type="checkbox"/> latitude (degrees_north)	<input type="text"/>	<input type="text"/>	-78.305	89.984
<input checked="" type="checkbox"/> longitude (degrees_east)	<input type="text"/>	<input type="text"/>	-179.999	180.0
<input checked="" type="checkbox"/> lon360 (Longitude, degrees_east)	<input type="text"/>	<input type="text"/>	0.0	359.999
<input checked="" type="checkbox"/> sst (degree_C)	<input type="text"/>	<input type="text"/>	-13.25	35.95
<input checked="" type="checkbox"/> err_sst (degree_C)	<input type="text"/>	<input type="text"/>	0.030171841176832415	31.622776601683793
<input checked="" type="checkbox"/> ve (m/s)	<input type="text"/>	<input type="text"/>	-4.58968	201.51676
<input checked="" type="checkbox"/> vn (m/s)	<input type="text"/>	<input type="text"/>	-2.7167000000000003	208.88715
<input checked="" type="checkbox"/> err_lat (degrees_north)	<input type="text"/>	<input type="text"/>	4.40204497932495E-5	9530.215107750717
<input checked="" type="checkbox"/> err_lon (degrees_east)	<input type="text"/>	<input type="text"/>	4.6352993430845435E-4	31.622776601683793
<input checked="" type="checkbox"/> typebuoy	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> deploy_date (Deployment date and time, UTC)	<input type="text"/>	<input type="text"/>	1979-02-14T00:00:00Z	2022-10-31T00:00:00Z
<input checked="" type="checkbox"/> deploy_lat (degrees_north)	<input type="text"/>	<input type="text"/>	-77.81	89.9
<input checked="" type="checkbox"/> deploy_lon (degrees_east)	<input type="text"/>	<input type="text"/>	-180.0	180.0
<input checked="" type="checkbox"/> start_date (UTC)	<input type="text"/>	<input type="text"/>	1979-02-14T00:00:00Z	2022-10-31T00:00:00Z
<input checked="" type="checkbox"/> start_lat (degrees_north)	<input type="text"/>	<input type="text"/>	-77.81	89.9
<input checked="" type="checkbox"/> start_lon (degrees_east)	<input type="text"/>	<input type="text"/>	-179.99	180.0
<input checked="" type="checkbox"/> end_date (UTC)	<input type="text"/>	<input type="text"/>	1979-03-09T00:00:00Z	2023-03-02T00:00:00Z

3b. If you wish to obtain interpolated drifter data for all deployments at a given location, enter the coordinates of the desired deployment area into the deploy_lat and deploy_lon Operational Constraint fields.

For example, to obtain data for all buoys deployed between 25N and 26N, and between 079W and 080W, you would enter the following: deploy_lat ">=" 25 "<=" 26 and deploy_lon ">=" -80 "<=" -79.

****Please Note: Longitudinal values range between -180 and 180. Therefore, you must include a negative sign for western longitude values to obtain the correctly formatted value.****

ERDDAP > tabledap > Data Access Form

Dataset Title: **Global Drifter Program - 6 Hour Interpolated QC Drifter Data** [🔗](#) [📄](#) [📄](#)

Institution: NOAA Atlantic Oceanographic and Meteorological Laboratory (Dataset ID: drifter_6hour_gc)

Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Files](#) | [Make a graph](#)

Variable	Optional Constraint #1	Optional Constraint #2	Minimum or a List of Values	Maximum
<input checked="" type="checkbox"/> ID	>=	<=		
<input checked="" type="checkbox"/> WMO	>=	<=		
<input checked="" type="checkbox"/> expno (Experiment number, count)	>=	<=		
<input checked="" type="checkbox"/> time (UTC)	>=	<=	1979-02-15T00:00:00Z	2023-03-06T00:00:00Z
<input checked="" type="checkbox"/> latitude (degrees_north)	>=	<=	-78.305	89.984
<input checked="" type="checkbox"/> longitude (degrees_east)	>=	<=	-179.999	180.0
<input checked="" type="checkbox"/> lon360 (Longitude, degrees_east)	>=	<=	0.0	359.999
<input checked="" type="checkbox"/> sst (degree_C)	>=	<=	-13.25	35.95
<input checked="" type="checkbox"/> err_sst (degree_C)	>=	<=	0.030171841176832415	31.622776601683793
<input checked="" type="checkbox"/> ve (m/s)	>=	<=	-4.58968	201.51676
<input checked="" type="checkbox"/> vn (m/s)	>=	<=	-2.7167000000000003	208.88715
<input checked="" type="checkbox"/> err_lat (degrees_north)	>=	<=	4.40204497932495E-5	9530.215107750717
<input checked="" type="checkbox"/> err_lon (degrees_east)	>=	<=	4.6352993430845435E-4	31.622776601683793
<input checked="" type="checkbox"/> typebuoy	>=	<=		
<input checked="" type="checkbox"/> deploy_date (Deployment date and time, UTC)	>=	<=	1979-02-14T00:00:00Z	2022-10-31T00:00:00Z
<input checked="" type="checkbox"/> deploy_lat (degrees_north)	>= 25	<= 26	-77.81	89.9
<input checked="" type="checkbox"/> deploy_lon (degrees_east)	>= -80	<= -79	-180.0	180.0
<input checked="" type="checkbox"/> start_date (UTC)	>=	<=	1979-02-14T00:00:00Z	2022-10-31T00:00:00Z
<input checked="" type="checkbox"/> start_lat (degrees_north)	>=	<=	-77.81	89.9
<input checked="" type="checkbox"/> start_lon (degrees_east)	>=	<=	-179.99	180.0
<input checked="" type="checkbox"/> end_date (UTC)	>=	<=	1979-03-09T00:00:00Z	2023-03-02T00:00:00Z

3c. If you wish to obtain interpolated drifter data for all drifters that have entered a given area, enter coordinates for the desired area into the longitude and latitude Operational Constraint fields.

For example, to obtain data for all buoys that have passed between 36S and 42S, and between 019E and 025E, you would enter the following: longitude ">=" 19 "<=" 25 and latitude ">=" -42 "<=" -36.

Please Note: Longitudinal values range between -180 and 180. Therefore, you must include a negative sign for western longitude values to obtain the correctly formatted value.

ERDDAP > tabledap > Data Access Form

Dataset Title: **Global Drifter Program - 6 Hour Interpolated QC Drifter Data** [🔗](#) [📄](#) [📄](#)

Institution: NOAA Atlantic Oceanographic and Meteorological Laboratory (Dataset ID: drifter_6hour_gc)

Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Files](#) | [Make a graph](#)

Variable	Optional Constraint #1	Optional Constraint #2	Minimum or a List of Values	Maximum
<input checked="" type="checkbox"/> ID	>=	<=		
<input checked="" type="checkbox"/> WMO	>=	<=		
<input checked="" type="checkbox"/> expno (Experiment number, count)	>=	<=		
<input checked="" type="checkbox"/> time (UTC)	>=	<=	1979-02-15T00:00:00Z	2023-03-06T00:00:00Z
<input checked="" type="checkbox"/> latitude (degrees_north)	>= -42	<= -36	-78.305	89.984
<input checked="" type="checkbox"/> longitude (degrees_east)	>= 19	<= 25	-179.999	180.0
<input checked="" type="checkbox"/> lon360 (Longitude, degrees_east)	>=	<=	0.0	359.999
<input checked="" type="checkbox"/> sst (degree_C)	>=	<=	-13.25	35.95
<input checked="" type="checkbox"/> err_sst (degree_C)	>=	<=	0.030171841176832415	31.622776601683793
<input checked="" type="checkbox"/> ve (m/s)	>=	<=	-4.58968	201.51676
<input checked="" type="checkbox"/> vn (m/s)	>=	<=	-2.7167000000000003	208.88715
<input checked="" type="checkbox"/> err_lat (degrees_north)	>=	<=	4.40204497932495E-5	9530.215107750717
<input checked="" type="checkbox"/> err_lon (degrees_east)	>=	<=	4.6352993430845435E-4	31.622776601683793
<input checked="" type="checkbox"/> typebuoy	>=	<=		
<input checked="" type="checkbox"/> deploy_date (Deployment date and time, UTC)	>=	<=	1979-02-14T00:00:00Z	2022-10-31T00:00:00Z
<input checked="" type="checkbox"/> deploy_lat (degrees_north)	>=	<=	-77.81	89.9
<input checked="" type="checkbox"/> deploy_lon (degrees_east)	>=	<=	-180.0	180.0
<input checked="" type="checkbox"/> start_date (UTC)	>=	<=	1979-02-14T00:00:00Z	2022-10-31T00:00:00Z
<input checked="" type="checkbox"/> start_lat (degrees_north)	>=	<=	-77.81	89.9
<input checked="" type="checkbox"/> start_lon (degrees_east)	>=	<=	-179.99	180.0
<input checked="" type="checkbox"/> end_date (UTC)	>=	<=	1979-03-09T00:00:00Z	2023-03-02T00:00:00Z

3d. If you wish to obtain interpolated drifter data for all drifters within a particular time period, enter the desired beginning and end dates into the time (UTC) Operational Constraint fields.

For example, to obtain data for all buoys transmitting data between 1 January, 2010 and 14 February, 2016, you would enter the following: time (UTC) ">=" 2010-01-01 "<=" 2016-02-14.

ERDDAP > tabledap > Data Access Form

Dataset Title: **Global Drifter Program - 6 Hour Interpolated QC Drifter Data**
 Institution: NOAA Atlantic Oceanographic and Meteorological Laboratory (Dataset ID: drifter_6hour_gc)
 Information: Summary | License | FGDC | ISO 19115 | Metadata | Background | Subset | Files | Make a graph

Variable	Optional Constraint #1	Optional Constraint #2	Minimum or a List of Values	Maximum
<input checked="" type="checkbox"/> ID	>=	<=		
<input checked="" type="checkbox"/> WMO	>=	<=		
<input checked="" type="checkbox"/> expno (Experiment number, count)	>=	<=		
<input checked="" type="checkbox"/> time (UTC)	>= 2010-01-01	<= 2016-02-14	1979-02-15T00:00:00Z	2023-03-06T00:00:00Z
<input checked="" type="checkbox"/> latitude (degrees_north)	>=	<=	-78.305	89.984
<input checked="" type="checkbox"/> longitude (degrees_east)	>=	<=	-179.999	180.0
<input checked="" type="checkbox"/> lon360 (Longitude, degrees_east)	>=	<=	0.0	359.999
<input checked="" type="checkbox"/> sst (degree_C)	>=	<=	-13.25	35.95
<input checked="" type="checkbox"/> err_sst (degree_C)	>=	<=	0.030171841176832415	31.622776601683793
<input checked="" type="checkbox"/> ve (m/s)	>=	<=	-4.58968	201.51676
<input checked="" type="checkbox"/> vn (m/s)	>=	<=	-2.7167000000000003	208.88715
<input checked="" type="checkbox"/> err_lat (degrees_north)	>=	<=	4.40204497932495E-5	9530.215107750717
<input checked="" type="checkbox"/> err_lon (degrees_east)	>=	<=	4.6352993430845435E-4	31.622776601683793
<input checked="" type="checkbox"/> typebuoy	>=	<=		
<input checked="" type="checkbox"/> deploy_date (Deployment date and time, UTC)	>=	<=	1979-02-14T00:00:00Z	2022-10-31T00:00:00Z
<input checked="" type="checkbox"/> deploy_lat (degrees_north)	>=	<=	-77.81	89.9
<input checked="" type="checkbox"/> deploy_lon (degrees_east)	>=	<=	-180.0	180.0
<input checked="" type="checkbox"/> start_date (UTC)	>=	<=	1979-02-14T00:00:00Z	2022-10-31T00:00:00Z
<input checked="" type="checkbox"/> start_lat (degrees_north)	>=	<=	-77.81	89.9
<input checked="" type="checkbox"/> start_lon (degrees_east)	>=	<=	-179.99	180.0
<input checked="" type="checkbox"/> end_date (UTC)	>=	<=	1979-03-09T00:00:00Z	2023-03-02T00:00:00Z

3e. If you wish to combine variables and obtain interpolated drifter data for all drifters within a particular time period that were deployed at a precise location, enter the desired beginning and end dates into the time (UTC) Operational Constraint fields, along with the desired deployment area into the deploy_lat and deploy_lon Operational Constraint fields.

For example, to obtain data for all buoys deployed between 25N and 26N, and between 079W and 080W, between 1 January, 2010 and 14 February, 2016, you would enter the following: deploy_lat ">=" 25 "<=" 26 and deploy_lon ">=" -80 "<=" -79 AND time (UTC) ">=" 2010-01-01 "<=" 2016-02-14.

ERDDAP > tabledap > Data Access Form

Dataset Title: **Global Drifter Program - 6 Hour Interpolated QC Drifter Data**
 Institution: NOAA Atlantic Oceanographic and Meteorological Laboratory (Dataset ID: drifter_6hour_gc)
 Information: Summary | License | FGDC | ISO 19115 | Metadata | Background | Subset | Files | Make a graph

Variable	Optional Constraint #1	Optional Constraint #2	Minimum or a List of Values	Maximum
<input checked="" type="checkbox"/> ID	>=	<=		
<input checked="" type="checkbox"/> WMO	>=	<=		
<input checked="" type="checkbox"/> expno (Experiment number, count)	>=	<=		
<input checked="" type="checkbox"/> time (UTC)	>= 2010-01-01	<= 2016-02-14	1979-02-15T00:00:00Z	2023-03-06T00:00:00Z
<input checked="" type="checkbox"/> latitude (degrees_north)	>=	<=	-78.305	89.984
<input checked="" type="checkbox"/> longitude (degrees_east)	>=	<=	-179.999	180.0
<input checked="" type="checkbox"/> lon360 (Longitude, degrees_east)	>=	<=	0.0	359.999
<input checked="" type="checkbox"/> sst (degree_C)	>=	<=	-13.25	35.95
<input checked="" type="checkbox"/> err_sst (degree_C)	>=	<=	0.030171841176832415	31.622776601683793
<input checked="" type="checkbox"/> ve (m/s)	>=	<=	-4.58968	201.51676
<input checked="" type="checkbox"/> vn (m/s)	>=	<=	-2.7167000000000003	208.88715
<input checked="" type="checkbox"/> err_lat (degrees_north)	>=	<=	4.40204497932495E-5	9530.215107750717
<input checked="" type="checkbox"/> err_lon (degrees_east)	>=	<=	4.6352993430845435E-4	31.622776601683793
<input checked="" type="checkbox"/> typebuoy	>=	<=		
<input checked="" type="checkbox"/> deploy_date (Deployment date and time, UTC)	>=	<=	1979-02-14T00:00:00Z	2022-10-31T00:00:00Z
<input checked="" type="checkbox"/> deploy_lat (degrees_north)	>= 25	<= 26	-77.81	89.9
<input checked="" type="checkbox"/> deploy_lon (degrees_east)	>= -80	<= -79	-180.0	180.0
<input checked="" type="checkbox"/> start_date (UTC)	>=	<=	1979-02-14T00:00:00Z	2022-10-31T00:00:00Z
<input checked="" type="checkbox"/> start_lat (degrees_north)	>=	<=	-77.81	89.9
<input checked="" type="checkbox"/> start_lon (degrees_east)	>=	<=	-179.99	180.0
<input checked="" type="checkbox"/> end_date (UTC)	>=	<=	1979-03-09T00:00:00Z	2023-03-02T00:00:00Z

4. OPTIONAL: Once all desired variables have been entered, for best output results, under "Server-side Functions", order variables by "time". By doing so, the output will be displayed chronologically.

WARNING: Using the “orderBy” feature on large ERDDAP requests may trigger a HTTP 413 “outOfMemoryError” response when you complete step 6. If this error appears, we suggest that you split your original data request into smaller requests, or resubmit your original request without the “orderBy” feature.

The screenshot shows the ERDDAP query interface. On the left, a list of variables is checked, including: end_lat (degrees_north), end_lon (degrees_east), drogue_lost_date (UTC), typedeath, DeployingShip, DeploymentStatus (Status of Deployment), BuoyTypeManufacturer, BuoyTypeSensorArray, PurchaserFunding, SensorUpgrade, Transmissions, DeployingCountry, DeploymentComments, ManufactureYear, ManufactureMonth, FloatDiameter, SubscfFloatPresence, DrogueType, DrogueLength, DrogueBallast, DragAreaAboveDrogue, DragAreaOfDrogue, DragAreaRatio, DrogueCenterDepth, and DrogueDetectSensor. In the center, there are two columns of dropdown menus for selecting values. On the right, there are more dropdown menus and a section for "Server-side Functions" with a "distinct()" checkbox and an "orderBy" dropdown set to "time". Below that, the "File type" dropdown is set to ".htmlTable - View a UTF-8 .html web page with the data in a table. Times are ISO 8601 strings." A red arrow points to this dropdown. At the bottom, there is a "Submit" button with the text "(Please be patient. It may take a while to get the data.)".

5. To select the desired output format, select from the options within “File type”.

This screenshot is identical to the one above, but with a red arrow pointing to the "File type" dropdown menu, which is currently set to ".htmlTable - View a UTF-8 .html web page with the data in a table. Times are ISO 8601 strings." The rest of the interface, including the variable list and server-side functions, remains the same.

Options include: comma separated (.csv), MATLAB (.mat), PDF (.pdf), ASCII (.asc), HTML (.html), Google Earth (.kml), etc.

6. Once you have entered the desired information and chosen the output file type, click “Submit” to receive the data, or you can generate a URL that saves the specified variables. The URL can then be used to reference the dataset parameters at a later date, and/or can be shared with colleagues.

<input checked="" type="checkbox"/> end_lat (degrees_north) ?	>= v	<= v	-77.49	99.54
<input checked="" type="checkbox"/> end_lon (degrees_east) ?	>= v	<= v	-179.99	179.99
<input checked="" type="checkbox"/> drogue_lost_date (UTC) ?	>= v	<= v	1970-01-01T00:00:00Z	2023-03-02T00:00:00Z
<input checked="" type="checkbox"/> typedeath ?	>= v	<= v	v - + ?	
<input checked="" type="checkbox"/> DeployingShip ?	>= v	<= v		
<input checked="" type="checkbox"/> DeploymentStatus (Status of Deployment) ?	>= v	<= v		
<input checked="" type="checkbox"/> BuoyTypeManufacturer ?	>= v	<= v		
<input checked="" type="checkbox"/> BuoyTypeSensorArray ?	>= v	<= v		
<input checked="" type="checkbox"/> PurchaserFunding ?	>= v	<= v		
<input checked="" type="checkbox"/> SensorUpgrade ?	>= v	<= v		
<input checked="" type="checkbox"/> Transmissions ?	>= v	<= v		
<input checked="" type="checkbox"/> DeployingCountry ?	>= v	<= v		
<input checked="" type="checkbox"/> DeploymentComments ?	>= v	<= v		
<input checked="" type="checkbox"/> ManufactureYear ?	>= v	<= v	*10m*	*transferred into p...*
<input checked="" type="checkbox"/> ManufactureMonth ?	>= v	<= v	v - + ?	
<input checked="" type="checkbox"/> FloatDiameter ?	>= v	<= v	v - + ?	
<input checked="" type="checkbox"/> SubscfFloatPresence ?	>= v	<= v	0*	*NaN*
<input checked="" type="checkbox"/> DrogueType ?	>= v	<= v	*BLNK001*	*WIND004*
<input checked="" type="checkbox"/> DrogueLength ?	>= v	<= v	v - + ?	
<input checked="" type="checkbox"/> DrogueBallast ?	>= v	<= v	v - + ?	
<input checked="" type="checkbox"/> DragAreaAboveDrogue ?	>= v	<= v	* m^2*	*NaN m^2*
<input checked="" type="checkbox"/> DragAreaOfDrogue ?	>= v	<= v	* m^2*	*NaN m^2*
<input checked="" type="checkbox"/> DragAreaRatio ?	>= v	<= v	0*	*NaN*
<input checked="" type="checkbox"/> DrogueCenterDepth ?	>= v	<= v	* m*	*NaN m*
<input checked="" type="checkbox"/> DrogueDetectSensor ?	>= v	<= v	v - + ?	

Server-side Functions ?

distinct() ?

orderBy v ? ("time" v v v v)

File type: [\(more information\)](#)

.htmlTable - View a UTF-8 .html web page with the data in a table. Times are ISO 8601 strings.

Just generate the URL:

[\(Documentation / Bypass this form\)](#) ?

Submit (Please be patient. It may take a while to get the data.)